



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/777,962	02/12/2004	Randy Ubillos	119-0025US	.6045
29855 7590 02/01/2007 WONG, CABELLO, LUTSCH, RUTHERFORD & BRUCCULERI, L.L.P. 20333 SH 249 SUITE 600 HOUSTON, TX 77070			EXAMINER BONSHOCK, DENNIS G	
			ART UNIT	PAPER NUMBER
			2173	
SHORTENED STATUTORY PERIOD OF RESPONSE		MAIL DATE	DELIVERY MODE	
3 MONTHS		02/01/2007	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/777,962

Applicant(s)

UBILLOS ET AL.

Examiner

Dennis G. Bonshock

Art Unit

2173

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 February 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-43 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-43 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 February 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date See Continuation Sheet.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

Continuation of Attachment(s) 3). Information Disclosure Statement(s) (PTO/SB/08), Paper No(s)/Mail Date
:2/12/04, 3/22/04, 11/18/05, 12/12/05.

DETAILED ACTION

Claim Objections

1. Claim 1 is objected to because of the following informalities: the claim recites "second magnification is lower that the first magnification;" in line 7, which is grammatically incorrect. Appropriate correction is required.

Claim Rejections - 35 USC § 101

35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

2. Claims 37-42 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. The claims pertain to a computer program product per se.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-3, 5, 8, 10-20, 22, 25-31, 34-37, and 40-43 rejected under 35 U.S.C. 102(b) as being anticipated by Special Edition, Using AutoCAD 2000, hereinafter SE.

Art Unit: 2173

3. With regard to claim 1, which teaches a method using a display coupled to a computer for navigating the contents of a file accessible by the computer, comprising: displaying a first portion of the contents on a region of the display at a first magnification; selecting a first option to display a second portion of the contents of the file on the display within the region at a second magnification, wherein the second magnification is lower than the first magnification; SE teaches, on page 3, paragraphs 3-5 and figure 11.3, a Zoom Dynamic option that allows a user to navigate the display via a panning and zooming view box, wherein the user is capable entering a selection (pressing enter in this embodiment) while in Panning mode to change the drawing to the updated magnification factor, showing you the current magnification factor (in the view box, encompassed by a dashed green line or a solid line) in relation to the overall drawing (encompassed by a dashed blue line). With regard to claim 1, which further teaches defining an area within the displayed second portion by highlighting the first portion; moving the area to a new location on the displayed second portion to encompass a third portion; and displaying the third portion on the display within the region at a third magnification, wherein the third magnification is higher than the second magnification, SE teaches, on page 3, paragraphs 2-4, allowing the user to redefine the view box by allowing the user to click and move, thereby selecting a different portion of the screen and allowing the user to reapply the present magnification factor to other areas of the drawing, or even change the magnification factor.

Art Unit: 2173

4. With regard to claims 2 and 20, which teach the contents of the file constitutes a single graphical file, SE teaches, in page 3, paragraph 1 and figure 11.3, a non-paginated graphical file, displaying raster images used in a drawing.

5. With regard to claim 3, which teaches the contents of the file are non-paginated, SE teaches, in page 3, paragraph 1 and figure 11.3, a non-paginated graphical file, displaying raster images used in a drawing.

6. With regard to claims 5 and 22, which teach the third portion is displayed after the area is moved and after selecting a second option on the display, SE teaches, in page 3, paragraphs 4 and 5, the third portion being display after moving the box to a different area of the drawing and pressing Enter.

7. With regard to claims 8 and 25, which teach highlighting the first portion within the displayed second portion comprises prominently displaying the first portion relative to other areas of the displayed second portion, SE teaches, in page 3, paragraph 3 and figure 11.3, teaches highlighting a first portion with a black rectangle (as opposed to the dotted line previously surrounding it and the entire image).

8. With regard to claim 10, which teaches highlighting the first portion within the displayed second portion comprises displaying the first portion with a different color than other areas of the displayed second portion, SE teaches, in page 3, paragraph 3, displaying the first portion with a dashed green rectangle and the second portion with a dashed blue rectangle.

9. With regard to claim 11, which teaches highlighting the first portion within the displayed second portion comprises displaying a border around the first portion, SE

teaches, in page 3, paragraph 3 and figure 11.3, teaches highlighting a first portion with a black rectangle (as opposed to the dotted line previously surrounding it and the entire image).

10. With regard to claims 12, 26, 34, and 40, which teach the second portion comprises the entirety of the contents of the file, SE teaches, in page 3, paragraph 3, the display of the current magnification window in relation to the extents of the file.

11. With regard to claim 13, which teaches the first and third portions are of equal size, SE teaches, in page 3, paragraphs 3-5, the defining of the third region (from the first) only involving, in one embodiment, moving the view box.

12. With regard to claims 14, 27, 35, and 41, which teach the first and third magnifications are the same, SE teaches, in page 3, paragraphs 3-5, the defining of the third region (from the first) only involving, in one embodiment, moving the view box.

13. With regard to claims 15 and 28, which teaches moving the area comprises manipulation of a mouse coupled to the computer, SE teaches, on page 3, paragraphs 2-4, allowing the user to redefine the view box by allowing the user to click and move via a mouse, thereby selecting a different portion of the screen and allowing the user to reapply the present magnification factor to other areas of the drawing, or even change the magnification factor.

14. With regard to claim 16, which teaches moving the area comprises selecting an option on the display, SE teaches, on page 3, paragraphs 2-4, allowing the user enter into panning mode via selection of the view box.

Art Unit: 2173

15. With regard to claims 17, 29, 36, and 42, which teaches before displaying the third portion the highlighted area is changed in size, and wherein the third magnification is different from the first magnification, SE teaches, on page 3, paragraphs 4 and 5, allowing the user to change the magnification factor, via clicking the screen and resizing the panning view box, an arrow appears on the right side of the box, defining the zoom scale factor.

16. With regard to claims 18 and 30, which teaches selecting a first option comprises depressing a key or button, SE teaches, on page 2, paragraph 6 and on page 3, paragraphs 3-5 and figure 11.3, a Zoom Dynamic button that allows a user to navigate the display via a panning and zooming view box.

17. With regard to claim 19, which teaches computer-readable medium containing a program for performing a method using a display coupled to a computer for allowing a user to navigate the contents of a file accessible by the computer, the method comprising: displaying a first portion of the contents on a region of the display at a first magnification; allowing a user to select a first option to display a second portion of the contents of the file on the display within the region at a second magnification, wherein the second magnification is lower than the first magnification; SE teaches, on page 3, paragraphs 3-5 and figure 11.3, a Zoom Dynamic option that allows a user to navigate the display via a panning and zooming view box, wherein the user is capable entering a selection (pressing enter in this embodiment) while in Panning mode to change the drawing to the updated magnification factor, showing you the current magnification factor (in the view box, encompassed by a dashed green line or a solid line) in relation

Art Unit: 2173

to the overall drawing (encompassed by a dashed blue line). With regard to claim 19, which further teaches defining an area within the displayed second portion by highlighting the first portion; allowing a user to move the area to a new location on the displayed second portion to encompass a third portion; and displaying the third portion on the display within the region at a third magnification, wherein the third magnification is higher than the second magnification, SE teaches, on page 3, paragraphs 2-4, allowing the user to redefine the view box by allowing the user to click and move, thereby selecting a different portion of the screen and allowing the user to reapply the present magnification factor to other areas of the drawing, or even change the magnification factor.

18. With regard to claim 31, which teaches a computer system, comprising: a computer having access to a file; a display for displaying portion of the contents of a file within a region of the display; a program accessible by the computer for displaying the contents of the file within the region of the display, the program allowing the user to: display a first portion of the contents on a region of the display at a first magnification; select a first option to display a second portion of the contents of the file on the display within the region at a second magnification, wherein the second magnification is lower than the first magnification, SE teaches, on page 3, paragraphs 3-5 and figure 11.3, a computer accessing a graphical file for display and providing a Zoom Dynamic option that allows a user to navigate the display via a panning and zooming view box, wherein the user is capable entering a selection (pressing enter in this embodiment) while in Panning mode to change the drawing to the updated magnification factor, showing you

Art Unit: 2173

the current magnification factor (in the view box, encompassed by a dashed green line or a solid line) in relation to the overall drawing (encompassed by a dashed blue line).

With regard to claim 31, which further teaches defining an area within the displayed second portion by highlighting the first portion; the area to a new location on the displayed second portion to encompass a third portion; and display the third portion on the display within the region at a third magnification, wherein the third magnification is higher than the second magnification, SE teaches, on page 3, paragraphs 2-4, allowing the user to redefine the view box by allowing the user to click and move, thereby selecting a different portion of the screen and allowing the user to reapply the present magnification factor to other areas of the drawing, or even change the magnification factor.

19. With regard to claim 37, which teaches a computer program accessible by a computer for displaying the contents of the file within the region of a display, the program allowing a user to: a first portion of the contents on a region of the display at a first magnification; select a first option to display a second portion of the contents of the file on the display within the region at a second magnification, wherein the second magnification is lower than the first magnification, SE teaches, on page 3, paragraphs 3-5 and figure 11.3, a Zoom Dynamic option that allows a user to navigate the display via a panning and zooming view box, wherein the user is capable entering a selection (pressing enter in this embodiment) while in Panning mode to change the drawing to the updated magnification factor, showing you the current magnification factor (in the view box, encompassed by a dashed green line or a solid line) in relation to the overall

Art Unit: 2173

drawing (encompassed by a dashed blue line). With regard to claim 37, which further teaches defining an area within the displayed second portion by highlighting the first portion; move the area to a new location on the displayed second portion to encompass a third portion; and display the third portion on the display within the region at a third magnification, wherein the third magnification is higher than the second magnification, SE teaches, on page 3, paragraphs 2-4, allowing the user to redefine the view box by allowing the user to click and move, thereby selecting a different portion of the screen and allowing the user to reapply the present magnification factor to other areas of the drawing, or even change the magnification factor.

20. With regard to claims 43, which teaches a computer using a display coupled to a computer for navigating the contents of a file within the computer, wherein a first portion of the contents are displayed on a region of the display at a first magnification, comprising: means for selecting a first option to display a second portion of the contents of the file on the display within the region at a second magnification, wherein the second magnification is lower than the first magnification; SE teaches, on page 3, paragraphs 3-5 and figure 11.3, a Zoom Dynamic option that allows a user to navigate the display via a panning and zooming view box, wherein the user is capable entering a selection (pressing enter in this embodiment) while in Panning mode to change the drawing to the updated magnification factor, showing you the current magnification factor (in the view box, encompassed by a dashed green line or a solid line) in relation to the overall drawing (encompassed by a dashed blue line). With regard to claims 43, which further teaches means for defining an area within the displayed second portion by

Art Unit: 2173

highlighting the first portion; means for moving the area to a new location on the displayed second portion to encompass a third portion; and means for displaying the third portion on the display within the region at a third magnification, wherein the third magnification is higher than the second magnification, SE teaches, on page 3, paragraphs 2-4, allowing the user to redefine the view box by allowing the user to click and move, thereby selecting a different portion of the screen and allowing the user to reapply the present magnification factor to other areas of the drawing, or even change the magnification factor.

Claim Rejections - 35 USC § 103

21. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

22. Claims 6, 7, 23, 24, 33, and 39 are rejected under 35 U.S.C. 103(a) as being unpatentable over "Special Edition Using AutoCAD 2000, hereinafter SE and Ording, Patent No.: US 6,396,520.

23. With regard to claims 6 and 23, SE teaches, on page 3, paragraphs 3-5 and figure 11.3, a Zoom Dynamic option that allows a user to navigate the display via a panning and zooming view box, but doesn't specifically teach selecting the first option causes a gradual transition between the displayed first portion and the displayed second portion. Ording teaches a method for transitioning a window between states, in

Art Unit: 2173

either repositioning, resizing, or other general manipulation (see column 1, lines 66 through column 2, line 24), similar to that of SE, but further teaches a gradual transition between the two end states (see column 3, lines 26-42 and figures 2A-2F). It would have been obvious to one of ordinary skill in the art, having the teachings of SE and Ording before him at the time the invention was made to modify the zoom transition system, of SE, to include the smoothed transitioning, as did Ording. One would have been motivated to make such a combination because this provides the user with an aesthetically pleasing transitional phase between endpoints of a transition.

24. With regard to claims 7 and 24, SE teaches, on page 3, paragraphs 3-5 and figure 11.3, a Zoom Dynamic option that allows a user to navigate the display via a panning and zooming view box, but doesn't specifically teach displaying the third portion causes a gradual transition between the displayed second portion and the displayed third portion. Ording teaches a method for transitioning a window between states, in either repositioning, resizing, or other general manipulation (see column 1, lines 66 through column 2, line 24), similar to that of SE, but further teaches a gradual transition between the two end states (see column 3, lines 26-42 and figures 2A-2F). It would have been obvious to one of ordinary skill in the art, having the teachings of SE and Ording before him at the time the invention was made to modify the zoom transition system, of SE, to include the smoothed transitioning, as did Ording. One would have been motivated to make such a combination because this provides the user with an aesthetically pleasing transitional phase between endpoints of a transition.

Art Unit: 2173

25. With regard to claims 33 and 39, SE teaches, on page 3, paragraphs 3-5 and figure 11.3, a Zoom Dynamic option that allows a user to navigate the display via a panning and zooming view box, but doesn't specifically teach selecting the first option causes a gradual transition between the displayed first portion and the displayed second portion and/or displaying the third portion causes a gradual transition between the displayed second portion and the displayed third portion. Ording teaches a method for transitioning a window between states, in either repositioning, resizing, or other general manipulation (see column 1, lines 66 through column 2, line 24), similar to that of SE, but further teaches a gradual transition between the two end states (see column 3, lines 26-42 and figures 2A-2F). It would have been obvious to one of ordinary skill in the art, having the teachings of SE and Ording before him at the time the invention was made to modify the zoom transition system, of SE, to include the smoothed transitioning, as did Ording. One would have been motivated to make such a combination because this provides the user with an aesthetically pleasing transitional phase between endpoints of a transition.

26. Claims 4, 9, 21, 32, and 38 are rejected under 35 U.S.C. 103(a) as being unpatentable over "Special Edition Using AutoCAD 2000, hereinafter SE and Nakano et al., Patent No.: US 6,972,771, hereinafter Nakano.

27. With regard to claim 9, SE teaches, in page 3, paragraph 3 and figure 11.3, teaches highlighting a first portion with a black rectangle (as opposed to the dotted line previously surrounding it and the entire image), but doesn't teach highlighting the first

Art Unit: 2173

portion within the displayed second portion comprises displaying the first portion with a darker grey scale than other areas of the displayed second portion. Nakano teaches a system for displaying an image with an enlarged region (see column 2, lines 1-17), similar to that of SE, but further teaches display such that a contrast of the image within the enlarged display becomes higher than a contrast of an original image (see column 2, lines 1-17). It would have been obvious to one of ordinary skill in the art, having the teachings of SE and Nakano before him at the time the invention was made to modify the zoom box, of SE, to include the darker grey scale, as did Nakano. One would have been motivated to make such a combination because this provides the user with more visually recognizable enlarged portion.

28. With regard to claims 4, 21, 32, and 38, SE teaches, in page 3, paragraphs 2-5, first displaying a zoom area (and corresponding non-zoomed area (extents)) and then allowing a user to pan to a new zoom area. SE, however, doesn't explicitly teach the third portion is displayed automatically after the area is moved, Nakano teaches a system for displaying an image with an enlarged region (see column 2, lines 1-17), similar to that of SE, but further teaches simply moving the cursor causes the creation of a new zoom region (no further selection). It would have been obvious to one of ordinary skill in the art, having the teachings of SE and Nakano before him at the time the invention was made to modify selective zoom system, of SE, to include the movable magnifying glass system, as did Nakano. One would have been motivated to make such a combination because this allows for a user to more quickly view a zoom of a region, not requiring further input on their part.

Conclusion

29. The prior art made of record on form PTO-892 and not relied upon is considered pertinent to applicant's disclosure. Applicant is required under 37 C.F.R. § 1.111(c) to consider these references fully when responding to this action. The documents cited therein teach systems for selective magnification and panning.


30. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dennis G. Bonshock whose telephone number is (571) 272-4047. The examiner can normally be reached on Monday - Friday, 6:30 a.m. - 4:00 p.m.

31. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid can be reached on (571) 272-4063. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2173

32. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

1-29-07
dgb



RAYMOND J. BAYERL
PRIMARY EXAMINER
ART UNIT 2173